

*East* of USPB, USPT, WPID, JPO

| Ref # | Hits   | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|-----------------|------------------|---------|------------------|
| L1    | 120362 | nonionic or "non ionic"   | US-PGPUB; USPAT | OR               | OFF     | 2005/09/20 13:31 |
| L2    | 236082 | surfactant or "wetting agent"   | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 13:32 |
| L3    | 551166 | cmp or \$polish\$ or chemimech\$ or planariz\$ or lap\$ or grind\$ or abrad\$ | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 13:32 |
| L4    | 334738 | poly or polysi or polysilicon or "polyc\$ si" or "polyc\$ silicon"            | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:57 |
| L5    | 0      | "ethylene oxide propylene oxide"  | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:52 |
| L6    | 98272  | "ethylene oxide" or ethyleneoxide   | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:57 |
| L7    | 55433  | "propylene oxide" or propyleneoxide   | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:58 |
| L8    | 43927  | 6 with 7  | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:53 |
| L9    | 17909  | 8 with (polymer or copolymer)   | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:58 |
| L10   | 71111  | 1 with .2   | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:53 |
| L11   | 1427   | 3 same 10   | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:53 |
| L12   | 1427   | 10 same 11  | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:54 |
| L13   | 14     | 11 same 9   | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:54 |
| L14   | 1      | 4 same 13   | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:55 |
| L15   | 13     | 13 not 14   | US-PGPUB; USPAT | OR               | ON      | 2005/09/20 12:55 |
| L16   | 46412  | nonionic or "non ionic"   | JPO; DERWENT    | OR               | OFF     | 2005/09/20 12:57 |
| L17   | 131797 | surfactant or "wetting agent"   | JPO; DERWENT    | OR               | ON      | 2005/09/20 13:48 |
| L18   | 333885 | cmp or \$polish\$ or chemimech\$ or planariz\$ or lap\$ or grind\$ or abrad\$ | JPO; DERWENT    | OR               | ON      | 2005/09/20 13:03 |
| L19   | 274337 | poly or polysi or polysilicon or "polyc\$ si" or "polyc\$ silicon"            | JPO; DERWENT    | OR               | ON      | 2005/09/20 13:32 |
| L20   | 25257  | "ethylene oxide" or ethyleneoxide   | JPO; DERWENT    | OR               | ON      | 2005/09/20 13:33 |
| L21   | 13414  | "propylene oxide" or propyleneoxide   | JPO; DERWENT    | OR               | ON      | 2005/09/20 13:33 |

|     |         |  |                    |    |     |                  |
|-----|---------|--|--------------------|----|-----|------------------|
| L22 | 1357917 | polymer or copolymer   | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:34 |
| L23 | 31339   | 16 with 17   | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 12:58 |
| L24 | 741     | 23 and 18  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 12:58 |
| L25 | 1363544 | 20 with 21 with 22   | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:48 |
| L26 | 241     | 24 and 25  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 12:59 |
| L27 | 22      | 19 and 26  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:00 |
| L28 | 0       | 27 not 26  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:00 |
| L29 | 219     | 26 not 27  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:00 |
| L30 | 78      | 29 and (cmp or \$polish\$ or chemimech\$ or planariz\$ or lap\$ or grind\$ or abrad\$).ti. | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:03 |
| L31 | 78      | 30 not 27  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:04 |
| L32 | 0       | 30 not 29  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:04 |
| L33 | 141     | 29 not 30  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:29 |
| L34 | 5       | "5256402"  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:30 |
| L35 | 1       | 33 and 34  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:30 |
| L36 | 22978   | (nonionic or "non ionic").clm.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/09/20 13:31 |
| L37 | 48783   | (surfactant or "wetting agent").clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/09/20 13:32 |
| L38 | 81010   | (cmp or \$polish\$ or chemimech\$ or planariz\$ or lap\$ or grind\$ or abrad\$).clm.       | US-PGPUB;<br>USPAT | OR | ON  | 2005/09/20 13:32 |
| L39 | 0       | (poly or polysi or polysilicon or "polyc\$ si" or "polyc\$ silicon").clm.                  | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:34 |
| L40 | 0       | ("ethylene oxide" or ethyleneoxide).clm.   | JPO;<br>DERWENT    | OR | ON  | 2005/09/20 13:33 |
| L41 | 8083    | ("propylene oxide" or propyleneoxide).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/09/20 13:33 |
| L42 | 14643   | ("ethylene oxide" or ethyleneoxide).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/09/20 13:33 |
| L43 | 70836   | (poly or polysi or polysilicon or "polyc\$ si" or "polyc\$ silicon").clm.                  | US-PGPUB;<br>USPAT | OR | ON  | 2005/09/20 13:34 |

|     |        |                             |                    |    |    |                  |
|-----|--------|-----------------------------|--------------------|----|----|------------------|
| L44 | 241197 | (polymer or copolymer).clm. | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:34 |
| L45 | 14143  | 36 with 37                  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:34 |
| L46 | 405    | 45 and 38                   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:35 |
| L47 | 2642   | 41 with 42 with 44          | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:35 |
| L48 | 12     | 46 and 47                   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:35 |
| L49 | 4      | 43 and 48                   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:36 |
| L50 | 8      | 48 not 49                   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:39 |
| L51 | 58     | 2 same 3 same 8             | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:39 |
| L52 | 22     | 2 same 3 same 9             | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:39 |
| L53 | 11     | (51 or 52) same 4           | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:40 |
| L54 | 11     | 53 not 35                   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:41 |
| L55 | 8      | 52 not 13                   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:43 |
| L56 | 47     | 51 not (35 or 54)           | US-PGPUB;<br>USPAT | OR | ON | 2005/09/20 13:44 |
| L57 | 8152   | 20 with 21                  | JPO;<br>DERWENT    | OR | ON | 2005/09/20 13:48 |
| L58 | 38     | 17 and 18 and 57            | JPO;<br>DERWENT    | OR | ON | 2005/09/20 13:48 |

# STN8 Caplus

(FILE 'HOME' ENTERED AT 15:17:38 ON 20 SEP 2005)

FILE 'REGISTRY' ENTERED AT 15:17:45 ON 20 SEP 2005

L1        1909 S ETHYLENE/CNS AND OXIDE/CNS AND PROPYLENE/CNS  
L2        1675 S L1 AND COPOLYMER/CNS  
L3        0 S L1 AND (TRI-BLOCK POLYMER)/CNS  
L4        0 S L1 AND (TRIBLOCK POLYMER)/CNS  
L5        5 S L1 AND TRI/CNS AND BLOCK/CNS AND POLYMER/CNS  
L6        15 S L2 AND ALCOHOL/CNS

FILE 'CAPLUS' ENTERED AT 15:20:00 ON 20 SEP 2005

FILE 'CAPLUS' ENTERED AT 15:20:30 ON 20 SEP 2005

L7        216740 S CMP OR ?POLISH? OR CHEMIMECH? OR PLANARIZ? OR LAP? OR GRIND?  
L8        0 S L5 AND L7  
L9        7 S L6 AND L7  
L10      16054 S (ETHYLENE(3A)OXIDE) (10A) (PROPYLENE(3A)OXIDE)  
L11      12839 S L10 AND (POLYMER OR COPOLYMER OR BLOCK OR TRIBLOCK OR ALCOHOL  
L12      200 S L7 AND L11  
L13      6 S L9 AND L12  
L14      7 S L9 OR L13  
L15      5 S L14 NOT FLOOR  
L16      194 S L12 NOT L14  
L17      183 S L16 NOT FLOOR  
L18      386 S L2 AND L7  
L19      366 S L18 NOT (L14 OR FLOOR)  
L20      158 S L10 AND L19  
L21      151 S L12 AND L20  
L22      43 S L21 AND (ABRAS? OR SILICA OR CERIA OR TITANIA OR ZIRCONIA OR

FILE 'REGISTRY' ENTERED AT 15:28:10 ON 20 SEP 2005

L23      4 S SILICA/CN OR CERIA/CN OR TITANIA/CN OR ALUMINA/CN

FILE 'CAPLUS' ENTERED AT 15:28:44 ON 20 SEP 2005

L24      33 S L21 AND L23  
L25      45 S L22 OR L24  
L26      106 S L21 NOT L25  
L27      19 S L26 AND (CMP OR ?POLISH? OR CHEMIMECH? OR PLANARIZ? OR LAP? OR

FILE 'REGISTRY' ENTERED AT 15:31:20 ON 20 SEP 2005

FILE 'CAPLUS' ENTERED AT 15:31:21 ON 20 SEP 2005

L28      87 S L26 NOT L27